Sheet 1 of 1

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09010-027004	Application No. 09/948,369
	Applicant Walter Callen et al.		
	Filing Date September 6, 2001	Group Art Unit 1652	

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
RB	AA	4 165 188	Aug 21 1979	Rempel	400	124	
	AB	4 683 195	July 28, 1987	Mullis et al.	435	6	
	AC	4 683 202	Nov 27 1990	Mullis.	435	91	
	AD	H 1531	May 7 1996	Blumentals et al.	435	194	
	AE	6 008 025	Dec 28 1999	Komatsubara et al.	435	91.2	
	AF	6 077 664	June 20, 2000	Slater et al.	435	6	
	AG	5 491 086	Feb 1996	Gelfand et al.	435	194	
	AP	5 939 250	Aug 1999	Short	435	94	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
RB	AI	455,430	April 26, 1991	EPO	—	—		
RB	AJ	WO 99/07837	Feb 18, 1999	PCT	—	—		
	AK							

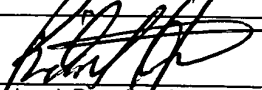
Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
RB	AL	Stetter et al., 1990, FEMS Microbiology Reviews 75:117-124
RB	AM	Pley et al., 1991, Systematic and Applied Microbiology, 14:245
RB	AN	Pearson et al., "Improved tools for biological sequence comparison", Proc. Natl Acad. Sci USA, Vol. 85, pp. 2444-2448, April 1998 Biochemistry
RB	AO	Madigan et al., <u>Scientific American</u> , "Extremophiles, April 1997, pages 82-87
RB	AP	Choi et al., "Purification and properties of <i>Thermus filiformis</i> DNA polymerase expressed in <i>Escherichia coli</i> , <u>Biotechnol. Appl. Biochem.</u> (1999) 30:19-25

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Examiner Signature 	Date Considered 8/17/03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)